LN-35

Rugged, Portable Wire Feeder

The LN-35 is an across-the-arc, semiautomatic wire feeder for hardfacing and fabrication applications using self-shielded, flux-cored welding electrodes. Complete with wire reel stand for up to 60 lb. (27.2 kg) coils, the LN-35 is designed for maximum versatility and portability in a variety of field applications. Wire feeding performance is backed with a dynamic braking system that stops the wire feed motor quickly to minimize wire overrun. This wire feeder is easy to use, with a large wire feed speed knob that is easy to adjust with gloved hands.

Output

Processes
Flux-Cored[1]

Advantage Lincoln

- The LN-35 is designed to feed .035-7/64" (0.9-2.8 mm) flux-cored electrodes.
- Enhanced starting control for smooth arc starting in CV mode.
- Electronic circuits protect wire feeder from overload.
- Adjustable wire feed speed for settings of 50-500 ipm (1.3-12.8 m/min.).
- Three year warranty on parts and labor.
- Manufactured under a quality system certified to ISO 9001 requirements.

Unit Includes:

- Wire Reel Stand (with 1" Spindle)
- Coil Adapter
- Case

TECHNICAL SPECIFICATIONS

Product Name	Product Number	Input Power	Rated Output Current/Duty Cycle	Wire Feed Speed Range ipm (m/min.)	Wire Size Range in. (mm) Cored	Dimensions H x W x D inches (mm)	Net Weight lbs.(kg)
LN-35 Across-The-Arc	K2281-1	15-40V DC Max OCV: 110V DC	500A/60%	50-500 (1.2-12.7)	.035 - 7/64 (0.9 - 2.8)	27.0 x 14.3 x 33.0 (686 x 362 x 838)	82 (37)

NOTE:
A constant voltage (CV) power source is recommended for self-shielded, flux-cored arc welding (FCAW-S). The LN-35 may be used with a constant current (CC) power source for non-critical applications where weld quality and deposition properties are not critical.

[1] Self-shielded wires only.

DRIVE ROLL AND GUIDE TUBE KITS

Steel Wire Sizes:	2 Roll
Cored Wire:	
.035" (0.9 mm)	KP653-035C
.045-.052 (1.2-1.4 mm)	KP653-052C
1/16" (1.6 mm)	KP653-1/16
.068-3/32" (1.7-2.4 mm)	KP653-3/32
7/64" (2.8 mm)	KP653-120C
Hardfacing:	
7/64" (2.8 mm)	KP653-7/64H

WELD POWER CABLES

Order No.	Description
K1840-10	Twist-Mate™ to Lug, 1/0, 350A, 60% duty cycle, 10 ft. (3.0 m)
K1842-10	Lug to Lug, 3/0, 600A, 60% duty cycle, 10 ft. (3.0 m)
K1842-35	Lug to Lug, 3/0, 600A, 60% duty cycle, 35 ft. (10.6 m)
K1842-60	Lug to Lug, 3/0, 600A, 60% duty cycle, 60 ft. (18.2 m)
K1842-110	Lug to Lug, 4/0, 600A, 60% duty cycle, 110 ft. (33.5 m)

RECOMMENDED OPTIONS

GENERAL OPTIONS

Magnum® Self-Shielded Gun and Cable Assemblies
Available 250-600 amps.
See publication E12.110

50-60 lb. Coil Adapter
Adapts 50-60 lb. (22.6-27.2 kg) coils of Lincoln® electrode to 2" (51 mm) spindle.
Order K1504-1

Portable Digital Wire Feed Speed Meter
When clamped on an exposed section of continuously fed electrode, unit reads wire feed speed in inches per minute.
Order K283

Work and Wire Feeder 2/0 Weld Cable Package
Includes Twist-Mate™ connectors, work clamp, 15 ft. (4.5 m) work cable and 10 ft. (3.0 m) electrode cable. Rated 350 amps, 60% duty cycle.
Order K1803-1

LN-35 ORDER FORM

PRODUCT DESCRIPTION	ORDER NUMBER	QUANTITY	PRICE
LN-35 Across-The-Arc Wire Feeder	**K2281-1**		
Recommended General Options			
Magnum® Self-Shielded Gun and Cable Assemblies	See publication E12.110		
50-60 lb. Coil Adapter	K1504-1		
Portable Digital Wire Feed Speed Meter	K283		
Work And Wire Feeder 2/0 Weld Cable Package	K1803-1		
Recommended Power Source Options			
CV-400	See publication E4.30		
CV-655	See publication E4.40		
DC-400	See publication E5.20		
DC-600	See publication E5.40		
DC-655	See publication E5.46		
	TOTAL:		

CUSTOMER ASSISTANCE POLICY

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22801 St. Clair Ave., Cleveland, OH 44117-1199 • 216.481.8100 • www.lincolnelectric.com